



Appl'n No.: 10/630,625
 Title: MARINE INSTRUMENT
 Inventors: Stephen G. Boucher, *et al.*
 Replacement Sheet

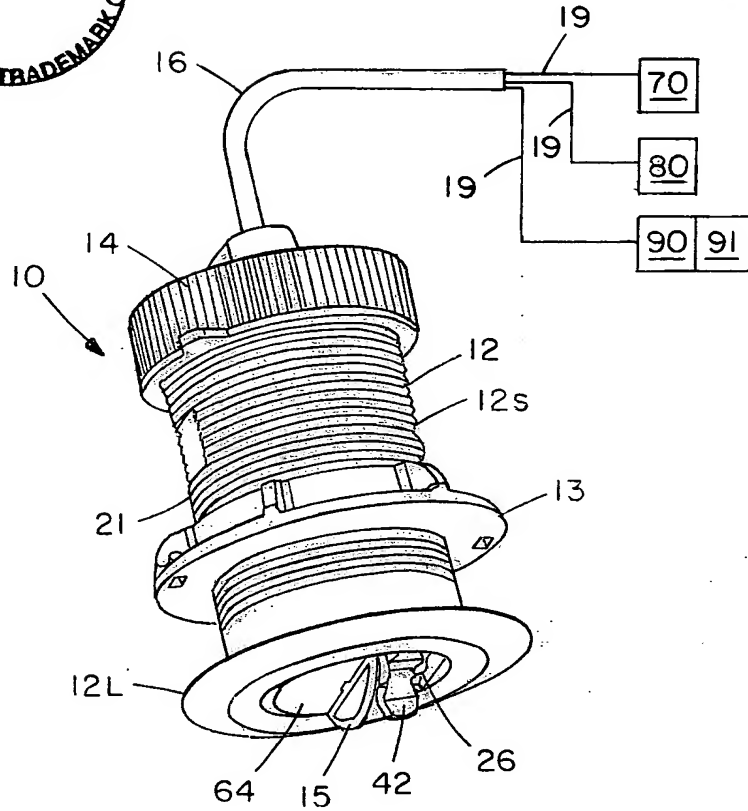


FIG. 1

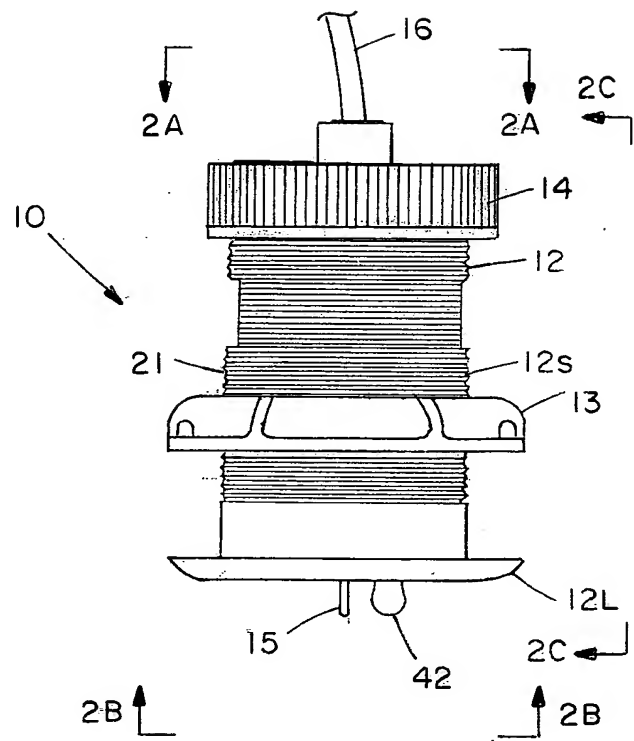


FIG. 2

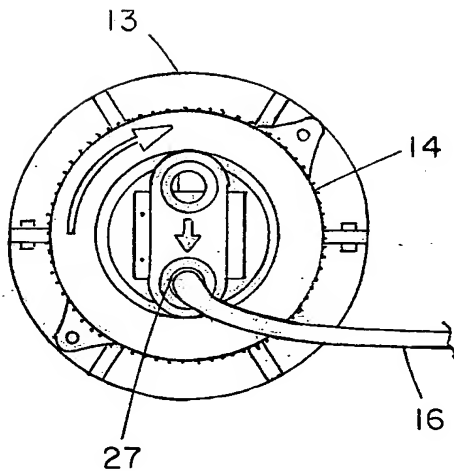


FIG. 2A

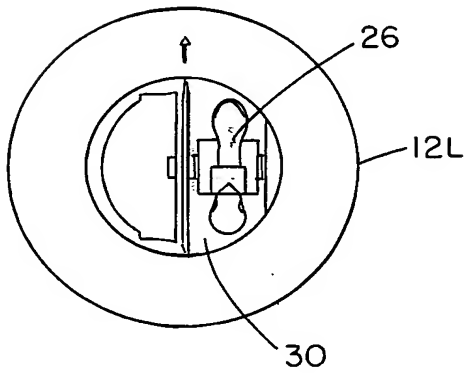


FIG. 2B

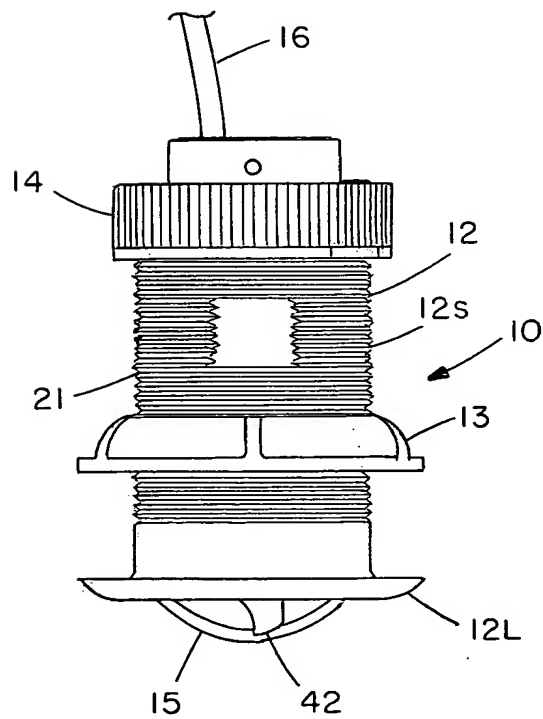


FIG. 2C

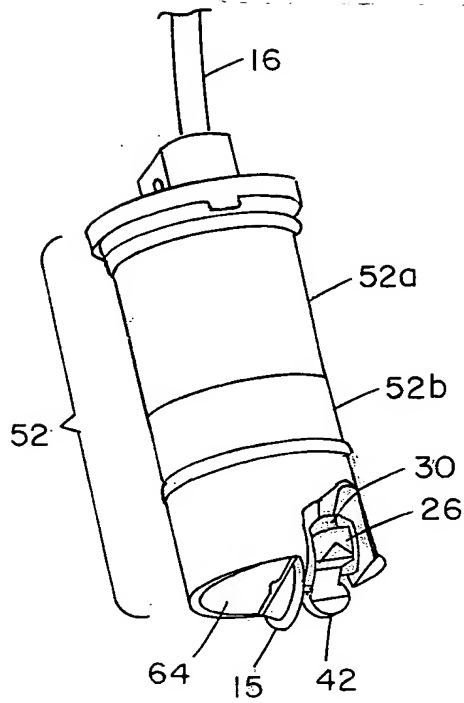


FIG. 4

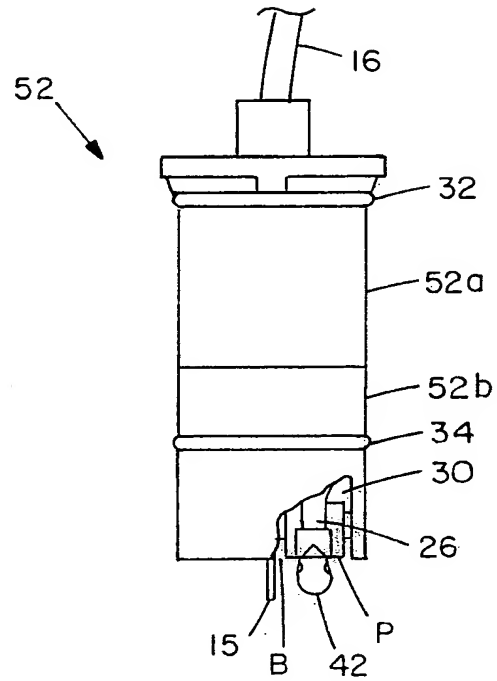


FIG. 5

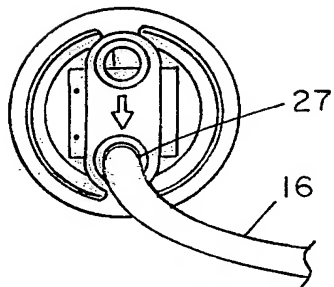


FIG. 5A

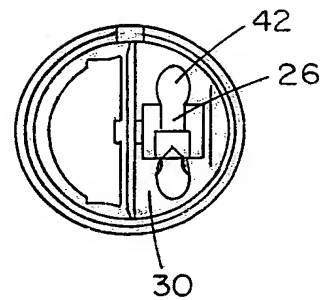


FIG. 5B

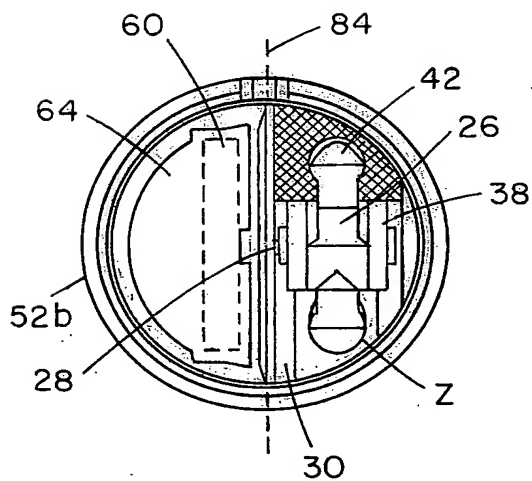


FIG. 5Ba

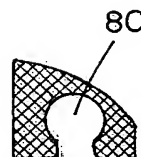


FIG. 5Bb

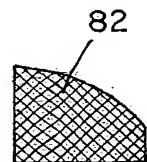


FIG. 5Bc

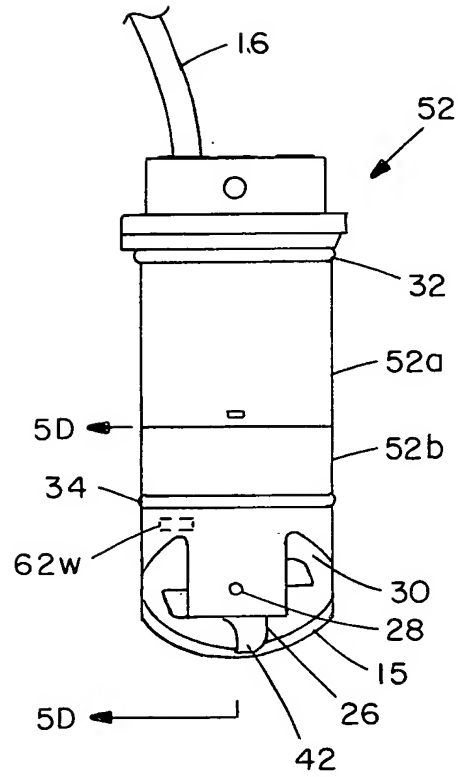


FIG. 5C

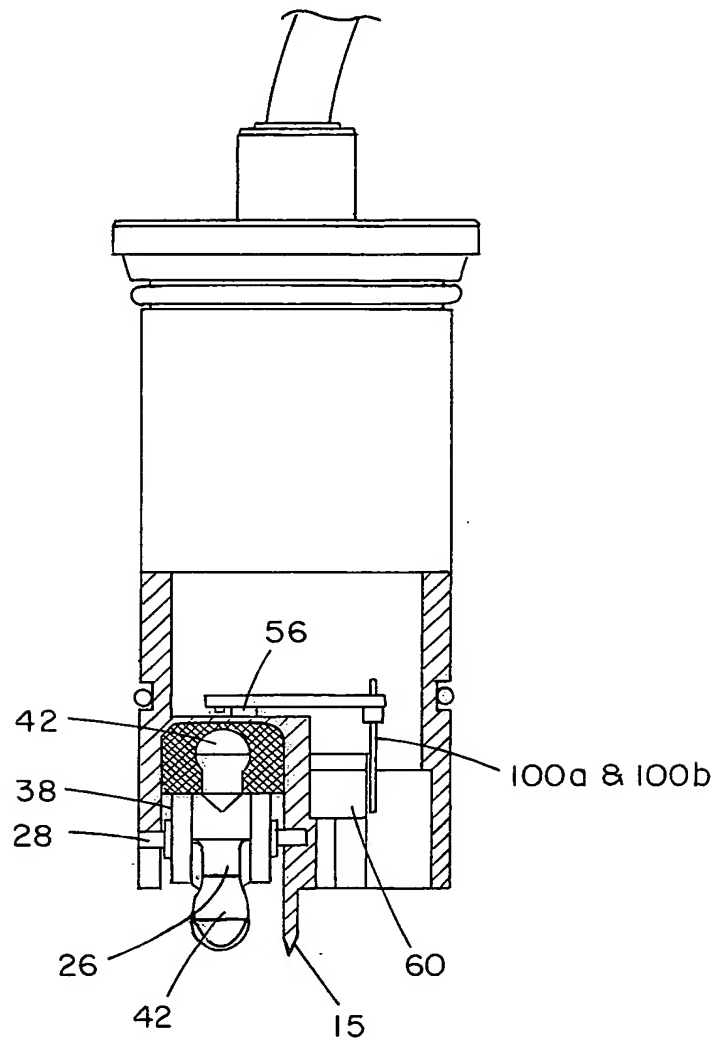


FIG. 5D

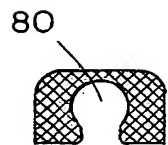


FIG. 5Da

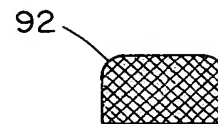


FIG. 5Db

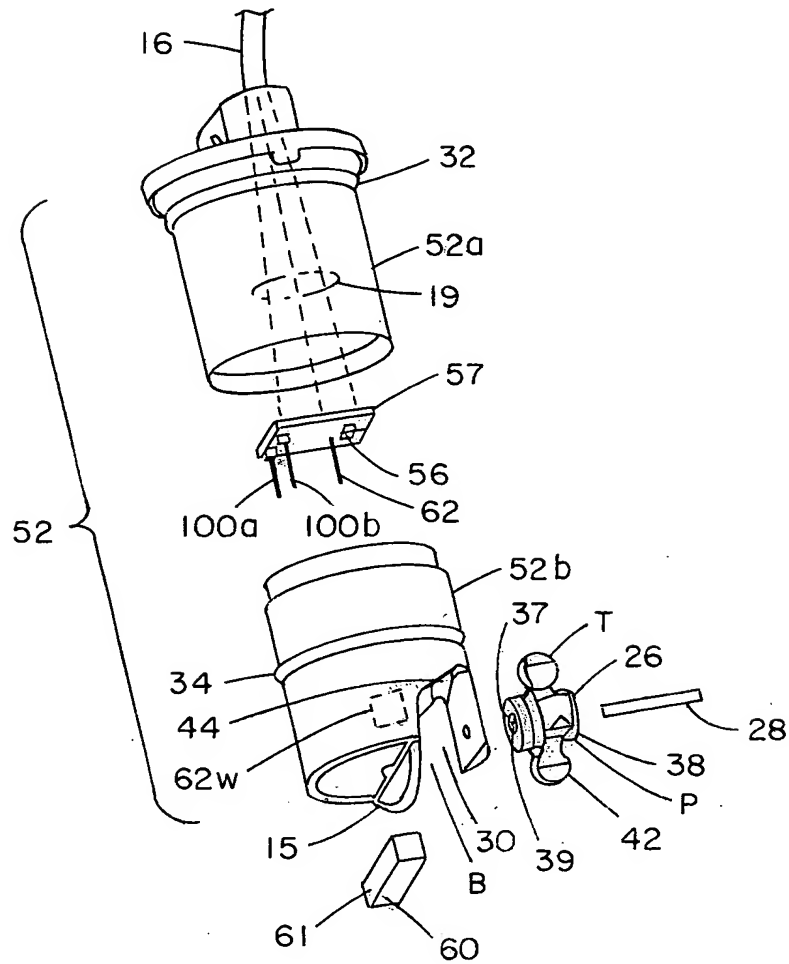


FIG. 6

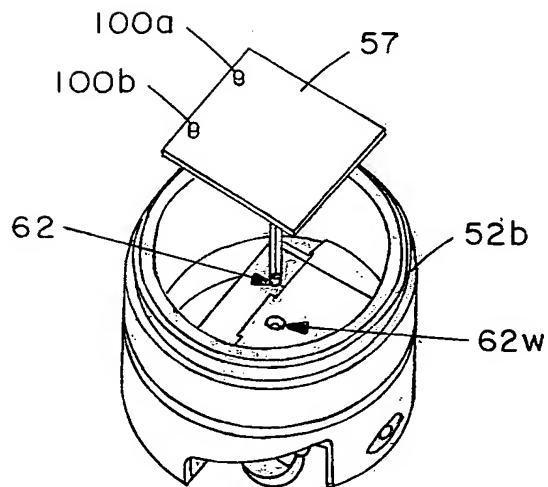


FIG. 6A

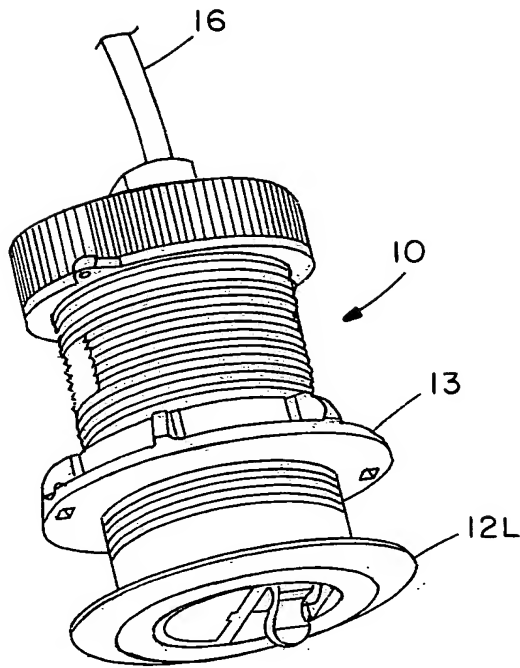


FIG. 8

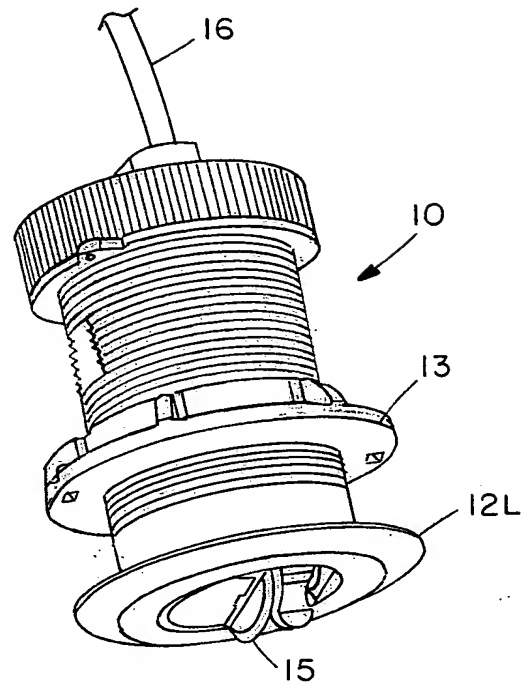


FIG. 7

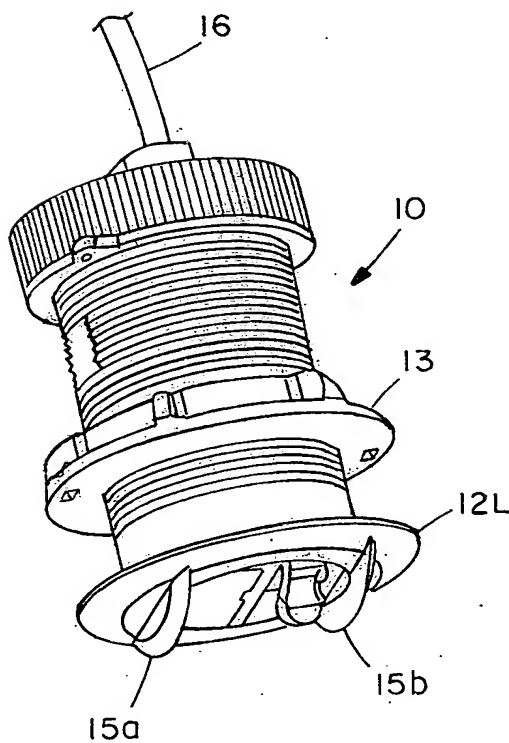


FIG. 9

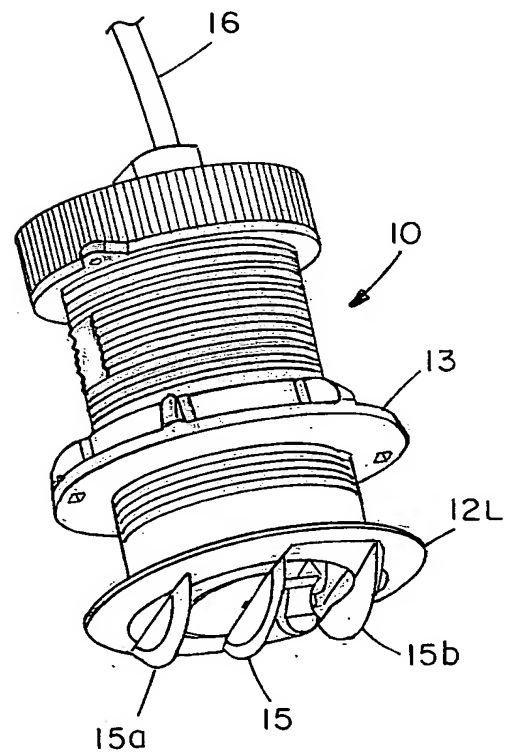


FIG. 10

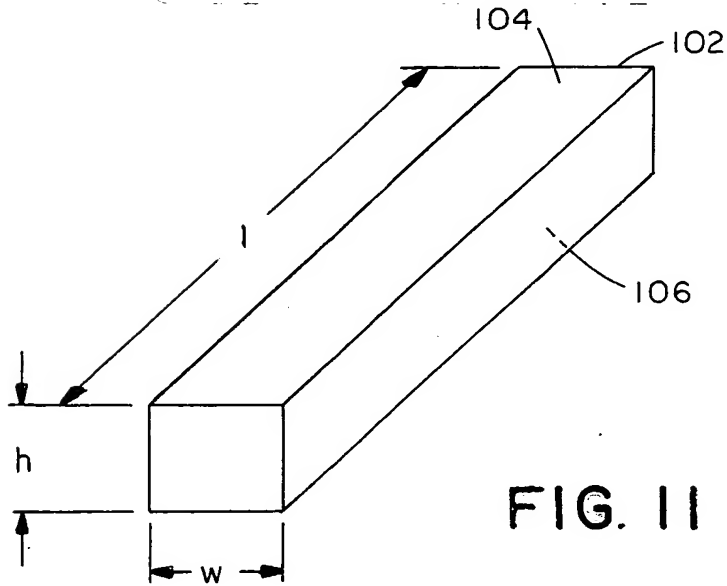


FIG. 11

-3dB Beamwidth : 28°
-6dB Beamwidth : 41°
-10dB Beamwidth : 80°

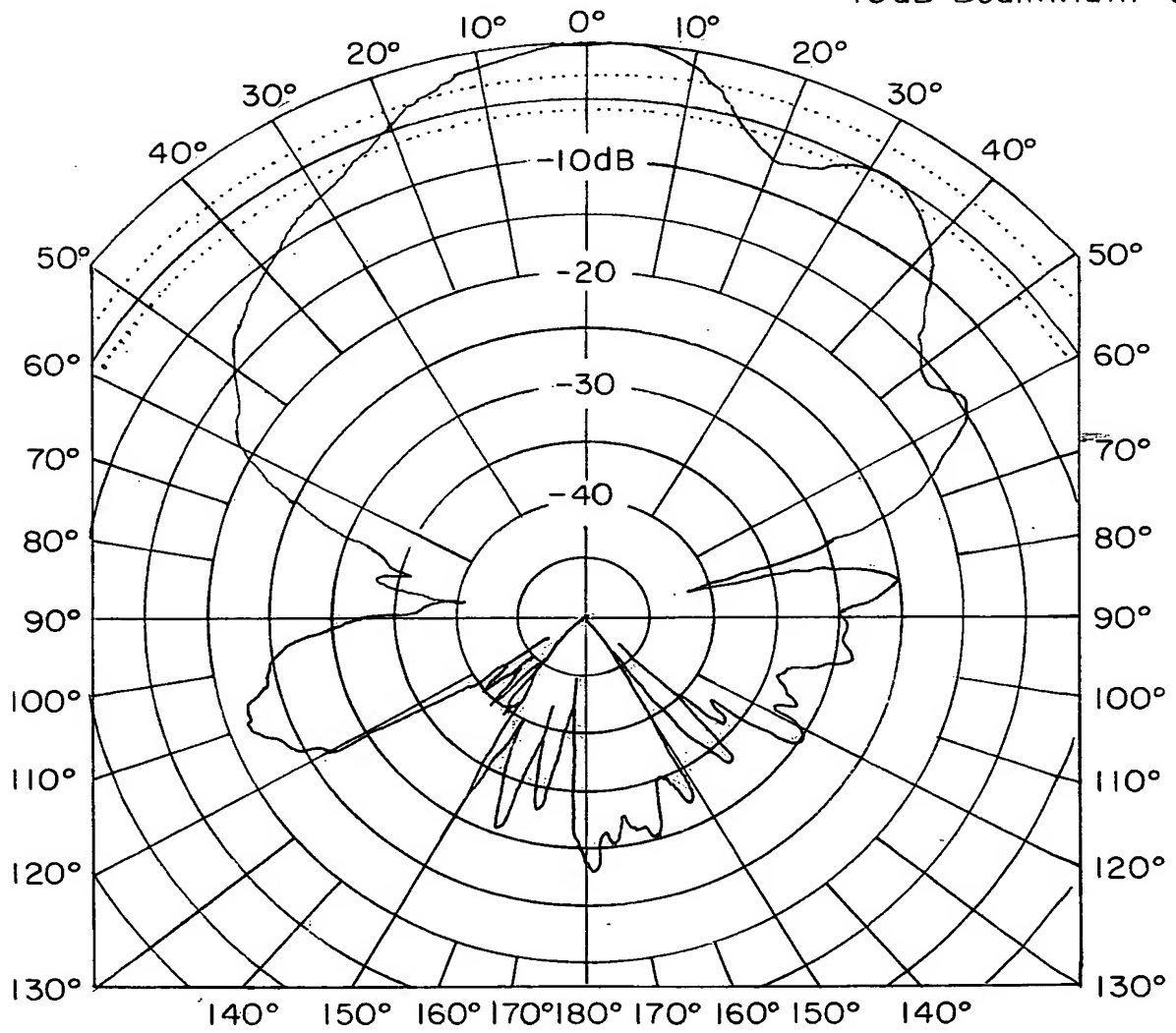


FIG. 12

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-3dB Beamwidth : 11°
-6dB Beamwidth : 15°
-10dB Beamwidth : 19°

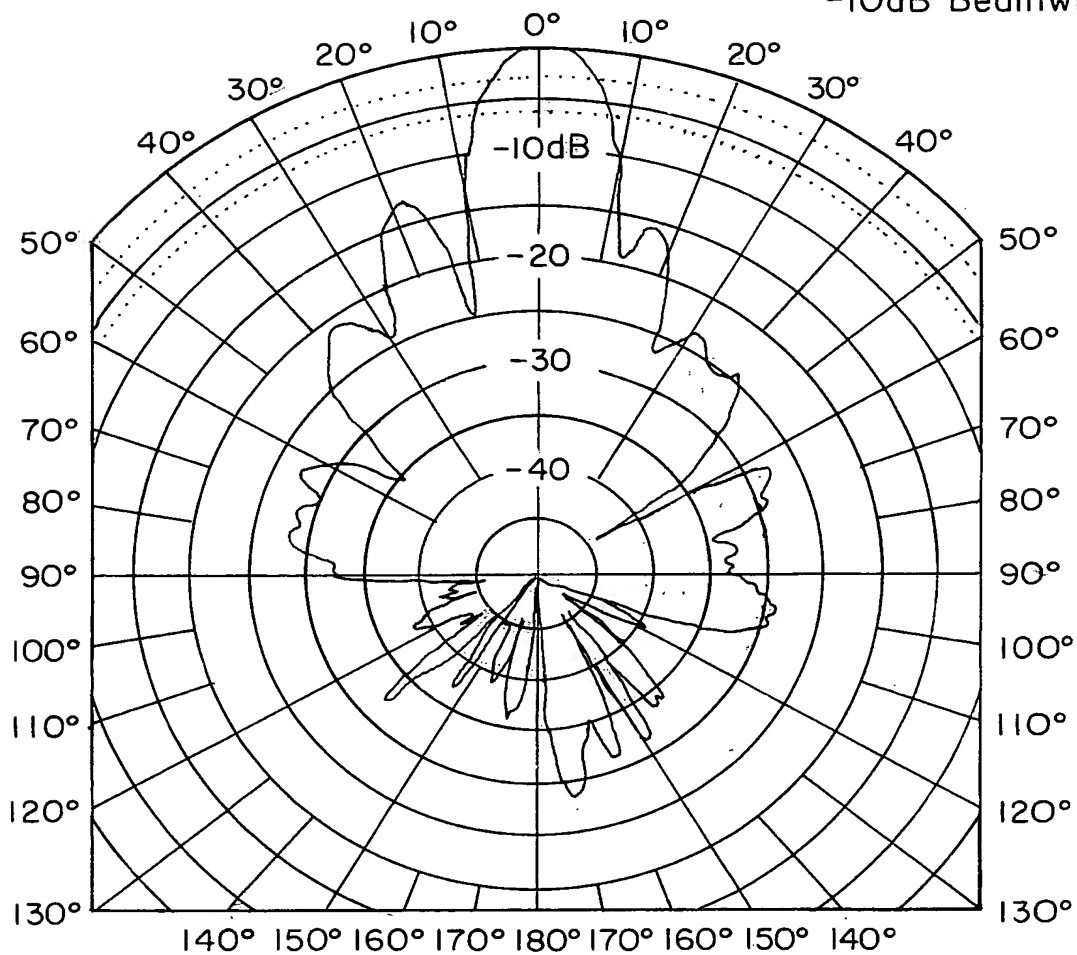


FIG. 13

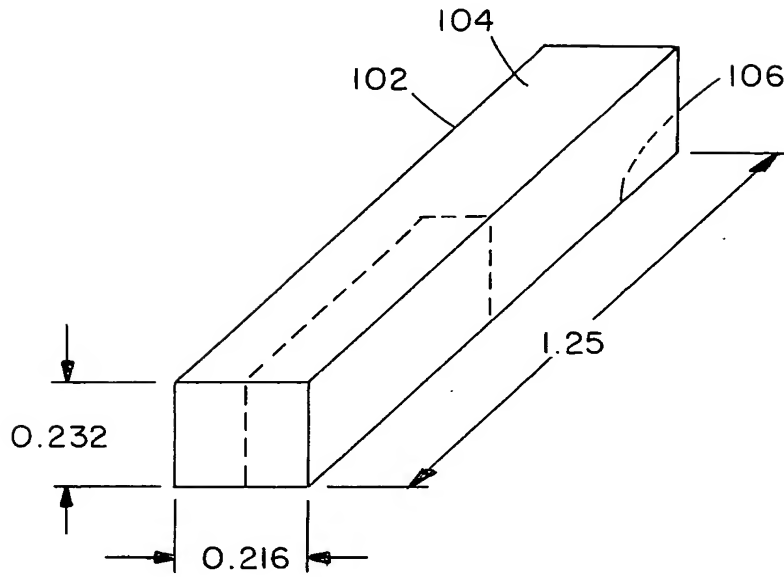


FIG. 14

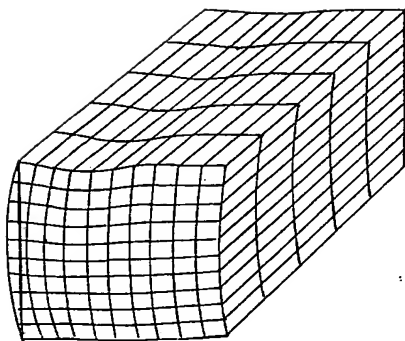


FIG. 15A

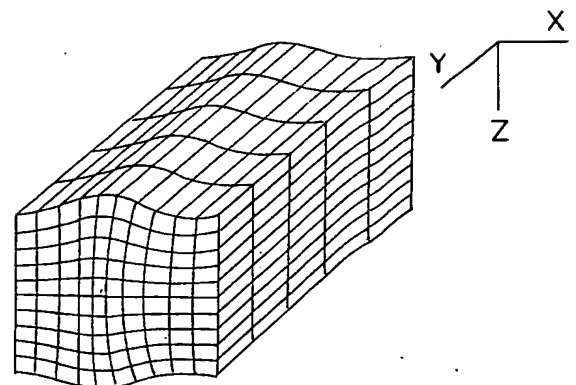


FIG. 15B